

IBPS Clerk Pre 2021.ICP-2021-110017

HINTS & SOLUTIONS

ANSWER KEY

| | | | | |
|--------|--------|--------|--------|---------|
| 1.(1) | 21.(2) | 41.(3) | 61.(2) | 81.(4) |
| 2.(3) | 22.(5) | 42.(5) | 62.(3) | 82.(1) |
| 3.(2) | 23.(4) | 43.(5) | 63.(1) | 83.(4) |
| 4.(3) | 24.(2) | 44.(3) | 64.(3) | 84.(2) |
| 5.(2) | 25.(3) | 45.(2) | 65.(2) | 85.(2) |
| 6.(5) | 26.(3) | 46.(3) | 66.(5) | 86.(4) |
| 7.(3) | 27.(1) | 47.(4) | 67.(4) | 87.(5) |
| 8.(5) | 28.(3) | 48.(2) | 68.(2) | 88.(1) |
| 9.(1) | 29.(3) | 49.(2) | 69.(3) | 89.(4) |
| 10.(4) | 30.(3) | 50.(3) | 70.(1) | 90.(3) |
| 11.(3) | 31.(4) | 51.(2) | 71.(1) | 91.(2) |
| 12.(2) | 32.(2) | 52.(1) | 72.(4) | 92.(2) |
| 13.(3) | 33.(5) | 53.(4) | 73.(2) | 93.(5) |
| 14.(2) | 34.(3) | 54.(3) | 74.(1) | 94.(1) |
| 15.(4) | 35.(2) | 55.(2) | 75.(2) | 95.(3) |
| 16.(1) | 36.(5) | 56.(2) | 76.(4) | 96.(2) |
| 17.(2) | 37.(2) | 57.(5) | 77.(5) | 97.(5) |
| 18.(1) | 38.(1) | 58.(1) | 78.(3) | 98.(3) |
| 19.(3) | 39.(5) | 59.(3) | 79.(1) | 99.(4) |
| 20.(1) | 40.(2) | 60.(2) | 80.(1) | 100.(2) |

HINTS & SOLUTIONS

- 1.(1) To validate the answer to the question refer to the lines of the third paragraph " *Bats are known to be the carriers of virus such as Ebola, SARS and even the current coronavirus*" and lines of the second paragraph " *It was also ascribed to a coronavirus and manifested similar symptoms — fever, cough and shortness of breath. Antibiotics do not work against such viral pneumonia*". From the quoted lines it can be easily deduced that answer to this question would be option (a).
Panacea- a solution or remedy for all difficulties or diseases.
- 2.(3) To validate the answer to the question refer to the lines of the second paragraph " *However, there are reassuring differences between the situation in 2002-3 and the one today. For one, China's response to the current outbreak is markedly different from the way it dealt with SARS. In contrast to its secretive ways 17 years ago, Beijing informed the WHO, shared the virus's gene sequence with the world, imposed travel restrictions and quarantined 50 million people.*" From the quoted lines it can be easily deduced that answer to this question would be option (c). Homogenous manner means in similar manner.
- 3.(2) To validate the answer to the question refer to the lines of the first paragraph " *In a little more than a week, deaths due to coronavirus have multiplied by more than 20 times (alarming rate)..... The WHO, which last week desisted from describing the situation as a public health*

- emergency, has asked countries in Southeast Asia to remain vigilant (still not declared an emergency by WHO)..... The Indian government is reportedly considering steps to prepare for evacuating the country's nationals from Wuhan (Only Indian government planning about deporting has been mentioned)" From the quoted lines it can be easily deduced that answer to this question would be option (b).
- 4.(3) To validate the answer to the question refer to the lines of the first and the second and third paragraph " *The WHO, which last week desisted from describing the situation as a public health emergency, has asked countries in Southeast Asia to remain vigilant..... The outbreak has evoked memories of the SARS epidemic of 2002-2003, which killed nearly 800 and affected more than 8,000 people worldwide(Note- affected worldwide not killed)..... The recent virus is reported to have originated in a wet market in Wuhan*" From the quoted lines only option (c) can be inferred hence, answer to this question would be option (c).
- 5.(2) After reading the line before and after the blank, we can deduce that only option (b) which means 'increase rapidly in number; multiply' fits well in the blank as per the meaning of the sentence. Hence, answer would be option (b).
Pauper- One who has no means of livelihood.
Shrink- become or make smaller in size or amount.
- 6.(5) Desist- stop doing something; cease or abstain.
Abstain- restrain oneself from doing or enjoying something.
Mirth- Laughter, happiness.
Languor- Quiet, peaceful.
Resume- begin again or continue after a pause or interruption.
Hence, answer would be option (e).
- 7.(3) The most suitable word for the given blank is "mandate". 'mandate' means 'an official order or commission to do something'. All the other words are either grammatically incorrect or contextually meaningless. Hence, option (c) is the correct answer choice.
Addendum- addition; appendix to book; something that is added (as at the end of a speech or book
Lechery- lustfulness
Massacre- An act of killing many people
- 8.(5) The most suitable word for the given blank is "lauded". 'lauded' means 'highly praised or admired'. All the other words are either grammatically incorrect or contextually meaningless. Hence, option (e) is the correct answer choice.
Criticize- indicate the faults of (someone or something) in a disapproving way.
- 9.(1) The most suitable word for the given blank is "entrenching". 'entrenching' means 'establish (an attitude, habit, or belief) so firmly that change is very difficult or unlikely'. All the other words are either grammatically incorrect or contextually meaningless. Hence, option (a) is the correct answer choice.
Abode- dwelling place; home.

- 10.(4) The most suitable word for the given blank is “implications”. ‘implications’ means ‘the conclusion that can be drawn from something although it is not explicitly stated’. All the other words are either grammatically incorrect or contextually meaningless. Hence, option (d) is the correct answer choice.
 Effigy- A model representing someone, Dummy.
 Jovial- Good natured.
 Salvation- The act of saving someone from danger, loss sin etc.
 Subtle- Small but important.
- 11.(3) The most suitable word for the given blank is “directed”. ‘directed’ means ‘control the operations of; manage or govern’. All the other words are either grammatically incorrect or contextually meaningless. Hence, option (c) is the correct answer choice.
 Vestige- a trace or remnant of something that is disappearing or no longer exists
 Validate- to confirm
- 12.(2) The most suitable word for the given blank is “surged”. ‘surged’ means ‘move suddenly and powerfully forward or upward’. All the other words are either grammatically incorrect or contextually meaningless. Hence, option (b) is the correct answer choice.
 Lingered- stay in a place longer than necessary because of a reluctance to leave.
 Mitigated- to make or become less severe.
- 13.(3) From the given options, only option (c) fits to make a contextually meaningful sentence remaining options render no meaning to the paragraph.
scorned: feel or express contempt or disdain for, reject (something) in a contemptuous way.
incendiaries: intentionally stirring up stirring up strife, riot.
imputed: represent (something, especially something undesirable) as being done or possessed by someone; attribute.
- 14.(2) From the given options, only option (b) which means “to be of the same opinion; agree” fits to make a contextually meaningful sentence remaining options render no meaning to the paragraph.
debauch: destroy or debase the moral purity of; corrupt.
deprecate: express disapproval of.
berate: scold strongly.
- 15.(4) From the given options, only option (d) fits to make a contextually meaningful sentence remaining options render no meaning to the paragraph.
autonomy: the quality or state of being self-governing.
heteronomy: the state or condition of being ruled, governed, or under the sway of another.
cadaverous: like a corpse; pale.
Regale: entertain
- 16.(1) From the given options, only option (a) fits to make a contextually meaningful sentence remaining options render no meaning to the paragraph.
simian: relating to or affecting apes or monkeys.
legitimate: conforming to the law or to rules.
- 17.(2) From the given options, only option (b) fits to make a contextually meaningful sentence remaining options render no meaning to the paragraph.
vagabond: a person who wanders from place to place without a home or job.
quacks: a fraudulent or ignorant pretender to medical skill
- 18.(1) The words positioned at (A) and (D) are incorrectly placed. ‘The law of **sedition** was a colonial instrument designed to shore up imperial power by keeping **subjects** in check’ is a meaningful sentence. So, interchanging the words present at (A) and (D) would yield a grammatically correct and contextually meaningful sentence. The words at the positions marked as (C) and (B) are correctly placed. Hence, option (a) is the correct answer.
- 19.(3) The words positioned at (A) and (B) and at (C) and (D) are incorrectly placed. ‘A **recent** study by **scientists** at the University of Warwick in England **concluded** that the sun’s most powerful “superstorms” **occur** about once every 25 years’ is a meaningful sentence. So, interchanging the words present at (A) with (B) and (C) with (D) would yield a grammatically correct and contextually meaningful sentence. Hence, option (c) is the correct answer.
- 20.(1) The words positioned at (A) and (B) are incorrectly placed. ‘The Economic Survey on Friday said there is an **urgent** need to **address** some of the basic **challenges** like credit, insurance coverage and irrigation **facilities** in the agriculture and its allied sectors’ is a meaningful sentence. So, interchanging the words present at (A) and (B) would yield a grammatically correct and contextually meaningful sentence. Hence, option (a) is the correct answer.
- 21.(2) The words positioned at (A) and (C) and (B) and (D) are incorrectly placed. ‘The sole of the shoe must not **contain** more than one **rigid** plate or blade made from carbon fiber or any other similar **material** which assists in reducing the **fatigue** of runners or gives any other advantage’ is a meaningful sentence. So, interchanging the words present at (A) with (C) and (B) with (D) would yield a grammatically correct and contextually meaningful sentence. Hence, option (b) is the correct answer.
- 22.(5) The words are appropriately positioned and there is no need for correction. Hence, option (e) is the correct answer.
- 23.(4) The error lies in part (B) of the sentence. To make the sentence grammatically correct replace “than” by “to”. It is to be noted that the adjectives that end with ‘ior’ (e.g. inferior, senior, junior, prior, posterior, superior) are followed by ‘to’ and not ‘than’.
- 24.(2) The error lies in part (D) of the sentence. To make the sentence grammatically correct add ‘had’ before preceded. It is to be noted that if two actions take place in the past, one after the other, the 1st action will be in Past Perfect Tense and the 2nd action will be in Simple Past Tense.
- 25.(3) The error lies in part (B) of the sentence. To make the sentence grammatically correct change ‘are’ to ‘is’. It is to be noted that if subject is joined by ‘as well as’ the verb will agree with the first subject that is ‘Atul’ in the given sentence.
- 26.(3) The error lies in part (C) of the sentence. To make the sentence grammatically correct change ‘cattles’ to

'cattle'. It is to be noted that cattle, cavalry, infantry, poultry, children, gentry, police and people are certain nouns that are singular in form but plural in meaning. They take plural verb.

27.(1) The sentence can be corrected by replacing the phrase (B) with (II) respectively. Word (B) creates a grammatical error as sentence is in present continuous tense so 'convinced' should be replaced by 'convincing'. All the other highlighted words are correct. Hence, option (a) is the most suitable answer choice.

28.(3) The sentence can be corrected by replacing the phrase (A) with (I) and (B) with (II) respectively. Word (A) creates contextual error as "regarded" means 'Look on as or consider as' "Regarding" means 'about' and on the other hand (B) creates grammatical errors as evil is a noun and is will be qualified by an adjective that is 'necessary' and not 'necessity'. Hence, option (c) is the most suitable answer choice.

29.(3) The sentence can be corrected by replacing the phrase (A) with (I). Word (A) creates a grammatical error; "abuse" should be replaced by "abusive" as 'abuse' is a verb whereas 'abusive' is an adjective. All the other highlighted words are correct. Hence, option (c) is the most suitable answer choice.

30.(3) The sentence can be corrected by replacing the phrase (C) with (III) and (A) with (I) respectively. Word (A) creates a grammatical error; "applauding" should be replaced by "applaud" as sentence is in simple present tense and in (C) 'forlorn' means 'pitifully sad and abandoned or lonely' which makes no sense here in context of the sentence. Hence, option (c) is the most suitable answer choice.

31.(4) Let initial quantity of milk and water in the mixture be $5x$ lit and $3x$ lit respectively
 ATQ,
 $1.75 \times 3x = 3x + 18$
 $2.25x = 18 \Rightarrow x = 8$
 quantity of milk = 40 ltr

32.(2) Let speed of train A be 'a' km/h and of train B be 'b' km/h respectively
 Let length of train B be x m
 Then length of train A = $2x$ m

$$\frac{3x}{a+b} = 15 \dots(i)$$

$$\frac{3x}{a-b} = 120 \dots(ii)$$

Dividing (i) and (ii)

$$\frac{\frac{3x}{a+b}}{\frac{3x}{a-b}} = \frac{15}{120}$$

$$\frac{a-b}{a+b} = \frac{1}{8} \Rightarrow 8a - 8b = a + b$$

$$7a = 9b \Rightarrow \frac{a}{b} = \frac{9}{7}$$

$$\text{Required \%} = \frac{9}{7} \times 100 = 128\frac{4}{7}\%$$

33.(5) Let the present age of Veer and that of Sumit be $3x$ yr and $2x$ years respectively
 ATQ
 $3x + 2x = 120$
 $x = 24$
 Required ratio = $\frac{48-8}{72-8} = \frac{40}{64} = 5:8$

34.(3)

Let total eligible voters be $100x$

votes cast = $60x$

$$\text{Valid votes} = \frac{95}{100} \times 60x = 57x$$

ATQ

$$20\% \text{ of } 57x = 228$$

$$x = 20$$

$$\text{Total eligible voters} = 100 \times 20 = 2000$$

35.(2)

Let radius and height of the cone be $5x$ cm and $9x$ cm respectively

$$\text{Volume} = \frac{1}{3}\pi(5x)^2 \times 9x = 75\pi x^3 \text{ cm}^3$$

New radius = $4x$ cm

And new height = $6x$ cm

$$\text{New volume} = \frac{1}{3}\pi(4x)^2 \times 6x = 32\pi x^3 \text{ cm}^3$$

Required % change

$$= \frac{75\pi x^3 - 32\pi x^3}{75\pi x^3} \times 100$$

$$= 57\frac{1}{3}\%$$

36.(5)

$$66 + \frac{40}{100} \times 475 = (?)^2$$

$$256 = (?)^2$$

$$? = 16$$

37.(2)

$$(\sqrt{502 + 174}) \times 15 = ? + 220$$

$$390 - 220 = ?$$

$$? = 170$$

38.(1)

$$? \approx (\sqrt{225} - \sqrt{81})(\sqrt{16} - \sqrt{9})$$

$$? \approx (15 - 9)(4 - 3)$$

$$= 6$$

39.(5)

$$\frac{480}{?} + \frac{25}{100} \times 500 - 90 = 55$$

$$\frac{480}{?} = 20$$

$$? = 24$$

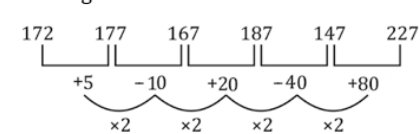
40.(2)

$$\Rightarrow 65\% \text{ of } 240 + \sqrt{1936} = ?$$

$$\Rightarrow 200 = ?$$

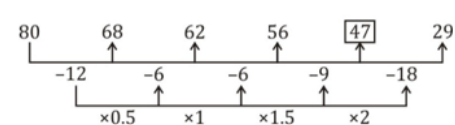
41.(3)

Missing number = 172



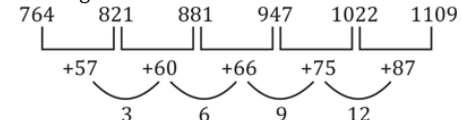
42.(5)

Missing number = 47



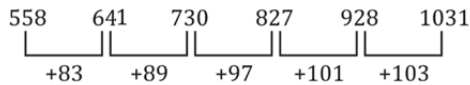
43.(5)

Missing number = 821



44.(3)

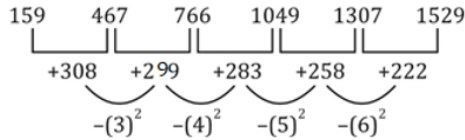
Missing number = 928



Consecutive prime numbers

45.(2)

Missing number = 159



46.(3) Let efficiency of A and efficiency of B is $3x$ units/day and x units/day respectively

Total work = $4x \times 15 = 60x$ units

Required time = $\frac{60x}{1.5x} = 40$ days

47.(4)

Probability of choosing a blue ball = $\frac{10}{15+Y+3+10}$

$$\frac{1}{4} = \frac{10}{28+Y}$$

$$28 + Y = 40$$

$$Y = 12$$

48.(2)

$$\begin{aligned} \text{Required amount} &= 10000 \left[1 + \frac{20}{100} \right] \left[1 + \frac{10}{100} \right]^2 \left[1 + \frac{20}{100} \right] - 10000 \\ &= 17424 - 10000 \\ &= \text{Rs } 7424 \end{aligned}$$

49.(2)

Let investment of Y be Rs $8x$ and period of investment of Y be 'a' month

Then investment of X = Rs $3x$ and period of investment of X = $2a$ months

Ratio of profit share

$$X : Y = (3x \times 2a) : (8x \times a)$$

$$= 6xa : 8xa$$

ATQ

$$8xa - 6xa = 500$$

$$\therefore xa = 250$$

Total profit = Rs 3500

50.(3)

$$\text{Required gain \%} = \frac{400}{1200} \times 100 = \frac{100}{3} \% = 33\frac{1}{3} \%$$

(51 - 55)

Let the number of Hindi books published be x .

The number of Maths books = $1.25x$

Let the number of Social science books be y .

Number of English books = $(y - 160)$

Number of Science books = $0.625y$

ATQ,

$$1.25x + y - 160 = x + y$$

$$\Rightarrow 0.25x = 160 \Rightarrow x = 640.$$

and,

$$1.25x - 0.625y = 50$$

$$\Rightarrow 800 - 0.625y = 50 \Rightarrow y = 1200.$$

| Subjects | Numbers of books |
|----------------|------------------|
| Math | 800 |
| English | 1040 |
| Hindi | 640 |
| Science | 750 |
| Social science | 1200 |

51.(2)

$$\text{required ratio} = \frac{800}{1040} = 10 : 13$$

52.(1)

53.(4)

$$\begin{aligned} \text{required total} &= \frac{50}{100} \times (800 + 1200) + \frac{80}{100} \times 750 \\ &= 1000 + 600 = 1600 \end{aligned}$$

number of English books having no printing error = 800

$$\text{required probability} = \frac{800}{1040}$$

$$= \frac{10}{13}$$

54.(3)

$$\text{average of books published of English \& Science} = \frac{1040+750}{2} = 895$$

$$\text{required difference} = 895 - 640 = 255.$$

55.(2)

$$\begin{aligned} \text{required total profit} &= 800(150 - 100) + 750 \times (150 - 80) \\ &= \text{Rs. } 92500. \end{aligned}$$

56.(2)

Number of students in section C and E together in class VI = 45

students in section A of both the class together = 50

$$\text{required \%} = \frac{45}{50} \times 100 = 90\%$$

57.(5)

$$\text{Required difference} = \frac{24 + 20 + 19}{3} - \frac{20 + 22 + 18}{3} = 1$$

58.(1)

Total number of students who failed the surprise test in class VI

$$= (20 + 22 + 18) \times \frac{50}{100} + (25 - 18) + (27 - 18) = 46$$

59.(3)

Total number of students in class VI = 112

$$\text{Number of girls in class VI} = 112 \times \frac{7}{16} = 49$$

Total number of students in class VII = 125

$$\text{Number of girls in class VII} = 125 \times \frac{2}{5} = 50$$

$$\text{Required \%} = \frac{99}{237} \times 100 = 41\frac{61}{79} \%$$

60.(2)

$$\text{Required ratio} = \frac{20+22+18+19}{112+125} = \frac{79}{237} = 1 : 3$$

61.(2)

$$\text{Required difference} = \frac{240+250+290}{3} - 250 = 10$$

62.(3)

$$\text{Required \%} = \frac{250+300}{290+310} \times 100 = 91\frac{2}{3} \%$$

63.(1)

$$\text{Required difference} = 280 \times 150 - 300 \times 120 = \text{Rs } 6000$$

64.(3)

Total number of tickets sold by B = 510

Total number of tickets sold by A = 560

$$\text{Required \%} = \frac{50}{560} \times 100 = 8\frac{13}{14} \%$$

65.(2)

$$\begin{aligned} \text{Required difference} &= (320 + 260 + 250 + 310 + 280) - (240 \\ &+ 250 + 320 + 290 + 300) = 1420 - 1400 = 20 \end{aligned}$$

(66 - 70)

From the given statements, Q likes Amazon. T and V like the same site but not Myntra. U and R like the same site but not Myntra. Not more than three persons like a site.

So we have two cases:

| Case-1 | | | Case-2 | | |
|--------|--------|----------|--------|--------|----------|
| Myntra | Amazon | Flipkart | Myntra | Amazon | Flipkart |
| | Q | U | | Q | T |
| | T | R | | U | V |
| | V | | | R | |

W and S does not like the same site. S does not like flipkart. R does not like the same site as W. One of the persons is P. Only two persons like Myntra. So case-1 is eliminated. Hence final arrangement is:

| Myntra | Amazon | Flipkart |
|--------|--------|----------|
| P | Q | T |
| S | U | V |
| - | R | W |

66.(5)

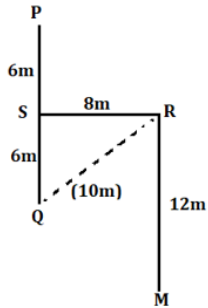
67.(4)

68.(2)

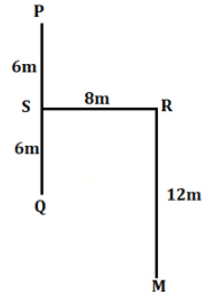
69.(3)

70.(1)

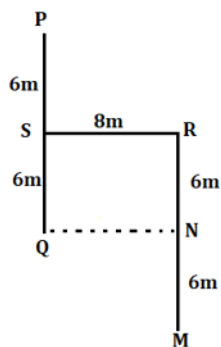
71.(1)



72.(4)



73.(2)



(74 - 78)

if number of letter is even
\$/
If number of letter is odd
%
stars → t%6 — number of letters+1
|
first letter+1 according to
English alphabetical order.

74.(1)

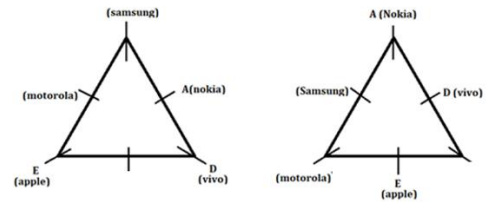
75.(2)

76.(4)

77.(5)

78.(3)

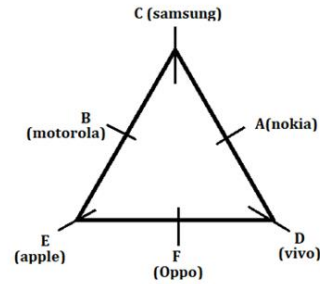
(79 - 83) From the given conditions, D likes Vivo and sits second to the right of E. Thus, here we have two possible cases i.e, **case1** and **case 2**. Two persons sit between E and A who likes Nokia. The person who likes Samsung sits immediate left of the person who likes Motorola. Only one person sits between the one who likes Samsung and the one who likes Apple The person who likes apple does not sit adjacent to A and D.



case-1

case-2

F does not sit adjacent to A and does not likes Motorola. B does not sit at the corner of the table. C does not like Motorola. Thus, here our **Case 2** get eliminated. Thus; our final solution will be



79.(1)

80.(1)

81.(4)

82.(1)

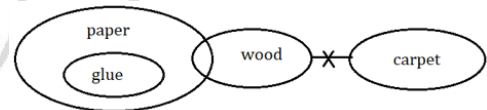
83.(4)

84.(2)

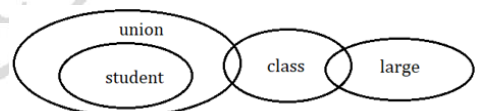
85.(2)

SEMINAR

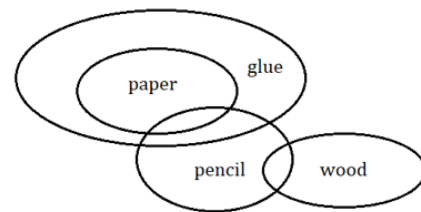
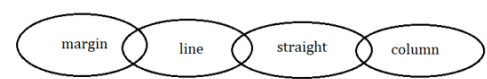
86.(4)



87.(5)



88.(1)



(89 - 93) From the given statement, A whose age is a multiple of 5 is older than E. E likes blue. Only two persons were born between E and B. B is older than A. The youngest person likes violet so we have two possible cases:

| Years | Age | Case-1 | | Case-2 | |
|-------|-----|---------|--------|---------|--------|
| | | Persons | Color | Persons | Color |
| 1992 | 28 | B | | B | |
| 1993 | 27 | | | A | |
| 1995 | 25 | A | | | |
| 1998 | 22 | E | Blue | | |
| 1999 | 21 | | | E | Blue |
| 2000 | 20 | | | | |
| 2002 | 18 | | Violet | | Violet |

D who is 27 years old does not like Red, so case-2 is eliminated. F is older than G and younger than C. F likes Black. Two persons were born between the one who like Red and the one who like silver. A does not like orange. The oldest person does not like yellow. Hence final arrangement is:

| Years | Age | Persons | Color |
|-------|-----|---------|--------|
| 1992 | 28 | B | Orange |
| 1993 | 27 | D | Silver |
| 1995 | 25 | A | Yellow |
| 1998 | 22 | E | Blue |
| 1999 | 21 | C | Red |
| 2000 | 20 | F | Black |
| 2002 | 18 | G | Violet |

89.(4)

90.(3)

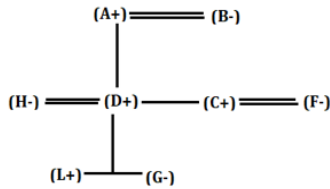
91.(2)

92.(2)

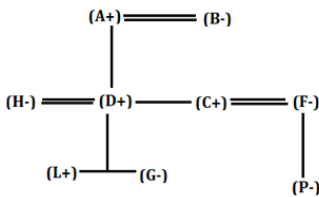
93.(5)

94.(1) More than one word is formed by E, D, A, R i.e, DEAR, DARE, READ.

95.(3)



96.(2)



97.(5) $F > D(6m) > A > B(5m) > E > C$

(98 – 100) From the given conditions, D purchases I2. A purchases I3. C does not purchase I6 and I1. Neither C nor B purchases I7, means C purchases I5. F does not purchase I7 and I4. E does not purchase I6 and I5. Thus I7 is purchased by E. Here we have two possible cases case1 and case2.

| Persons | Case-1 | Case-2 |
|---------|--------|--------|
| | Items | Items |
| A | I3 | I3 |
| B | I6 | |
| C | | |
| D | I2 | I2 |
| E | I7 | I7 |
| F | | I6 |
| G | | |

I1 is not purchased by F and G. Here our Case1 get eliminated. C does not purchase I4. Thus; our final solution will be:

| Persons | Items |
|---------|-------|
| A | I3 |
| B | I1 |
| C | I5 |
| D | I2 |
| E | I7 |
| F | I6 |
| G | I4 |

98.(3)

99.(4)

100.(2)

